

**LAHIVE
&
COCKFIELD**
LLP

COUNSELLORS AT LAW
28 STATE STREET
BOSTON, MASSACHUSETTS 02109-1784
TELEPHONE (617) 227-7400
FAX (617) 742-4214
lc@lahive.com

JOHN A. LAHIVE, JR. (1928-1997)
THOMAS V. SMURZYNSKI
RALPH A. LOREN
GIULIO A. DECONTI, JR.
ELIZABETH A. HANLEY
AMY BAKER MANDRACOURAS
ANTHONY A. LAURENTANO
KEVIN J. CANNING
JANE E. REMILLARD
DEANN FORAN SMITH
DEBRA J. MILASINIC, Ph.D.
DAVID J. RIKKERS
DAVID R. BURNS
JOHN S. CURRAN
SEAN D. DETWEILER
MEGAN E. WILLIAMS, Ph.D.
LISA DIROCCO TYNER
HATHAWAY P. RUSSELL *

MARIA LACCOFFIPE ZACHARAKIS, Ph.D.
MERIDETH C. ARNOLD
DANIELLE L. HERRITT
EUMDOON LEE **
MANEESH GULATI
CYNTHIA M. SORQOS
PETER W. DINI, Ph.D.

SENIOR COUNSEL
JAMES E. COCKFIELD

OF COUNSEL
JEREMIAH LYNCH
WILLIAM A. SCOFIELD, JR.
SIBLEY P. REPERT
JEANNE M. DISGORGIO
CYNTHIA L. KANIK, Ph.D.
JOHN D. LANZA

PATENT AGENTS
THEODORE R. WEST
JONATHAN M. SPARKS, Ph.D.
ANDRINA WILLIAMS ZINK

TECHNICAL SPECIALISTS
CATHERINE M. BISHOP
JACOB G. WEINTRAUB
CRISTIN E. HOWLEY, Ph.D.
JILL ANN MELLO, Ph.D.
DEBORAH L. NAGLE, Ph.D.
ANNE JACQUELINE WIZEMAN, Ph.D.
BRIAN C. TRINQUE, Ph.D.
CHRISTOPHER R. COWLES, Ph.D.

* Admitted in TX only
** Admitted in CT only

Facsimile Cover Sheet


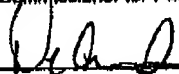
To: Examiner Tung
Company: USPTO
Location: Alexandria, VA
Phone: 703-305-7112
Fax: 703-746-5184

From: DeAnn F. Smith, Esq.
Phone: (617) 227-7400
Fax: (617) 742-4214
Application No.: 09/662478
Our Ref. No.: UMV-1226CPPCUS

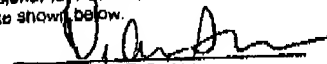
Date: 01/12/04
Sent By: DFS/Lindalee
**Pages including this
cover page:** 7

Message:

The documents transmitted by this facsimile are intended for the use of the individual or the entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of the message is not the intended recipient, or the employee or agent responsible for delivering this document to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original facsimile to us at the above address via the U.S. Postal Service. Thank you.

AMENDMENT TRANSMITTAL LETTER				Docket No. UMV-1226CPPCUS	
Application No. 09/662478-Conf. #3602		Filing Date September 15, 2000		Examiner J. Tung	
Art Unit 1637					
Applicant(s): Patrick J. Venta, et al.					
Invention: DNA ENCODING CANINE VON WILLEBRAND FACTOR AND METHODS OF USE					
TO THE COMMISSIONER FOR PATENTS Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	16	- 20 =		x	0.00
Independent Claims	6	- 6 =		x	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					0.00
<input type="checkbox"/> Large Entity <input checked="" type="checkbox"/> Small Entity					
<input checked="" type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>12-0080</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 DeAnn F. Smith Attorney Reg. No.: 36,683 LAHIVE & COCKFIELD, LLP 28 State Street Boston, Massachusetts 02109 (617) 227-7400				Dated: <u>September 29, 2003</u>	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 354229466 US, in an envelope addressed to: MS Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.					
Dated: September 29, 2003			Signature:  (DeAnn F. Smith)		

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 354229468, US, in an envelope addressed to MS Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: September 29, 2003 Signature: 
(DeAnn F. Smith)

Docket No.: UMV-1226CPPCUS
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Patrick J. Venta, *et al.*

Application No.: 09/662478

Art Unit: 1637

Filed: September 15, 2000

Examiner: J. Tung

For: DNA ENCODING CANINE VON
WILLEBRAND FACTOR
AND METHODS OF USE

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This is a response to the non-final Office Action (paper no. 21) mailed from the Patent Office on July 3, 2003.